

SA1007**Bovine Interleukin-4 / IL4 - Purified**

Alternate names:	B-cell stimulatory factor 1, BSF1, Binetrakin, IL-4, Lymphocyte stimulatory factor 1, Pitrakinra
Quantity:	20 µg
Background:	Interleukin-4 (IL-4) is produced by a range of bovine cells, including T and B lymphocytes, monocytes and macrophages, and plays an important role in the immune response. This protein has an ED50 in the range of 0.12 - 0.22 ng/ml, determined by measuring the proliferation of the factor-dependent human T-helper cell line TF-1. This protein has been used as a standard in a sandwich ELISA assay in conjugation.
Uniprot ID:	P30367
NCBI:	NP_776346.1
GeneID:	280824
Species:	Bovine
Source:	Pichia pastoris
Format:	State: Lyophilised Purity: >95% >95% by SDS PAGE analysis Buffer System: Further dilutions should be made in a buffer containing carrier protein. Endotoxin Level: 0.01EU/µg Reconstitution: Restore with 0.5 ml distilled water. Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. We recommend that the vial is gently mixed after reconstitution.
Applications:	ELISA. Functional Assays. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Description:	Recombinant protein expressed in Pichia pastoris. Molecular weight: 12.6 kDa 12.6kD
Storage:	Prior to reconstitution store at 2-8°C. Following reconstitution store the protein undiluted at -70°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.